System Check_835MHz_090701

DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: HSL_850_090701 Medium parameters used: f = 835 MHz; σ = 0.917 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3

Ambient Temperature 22.2 ; Liquid Temperature 21.2

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.26, 6.26, 6.26); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
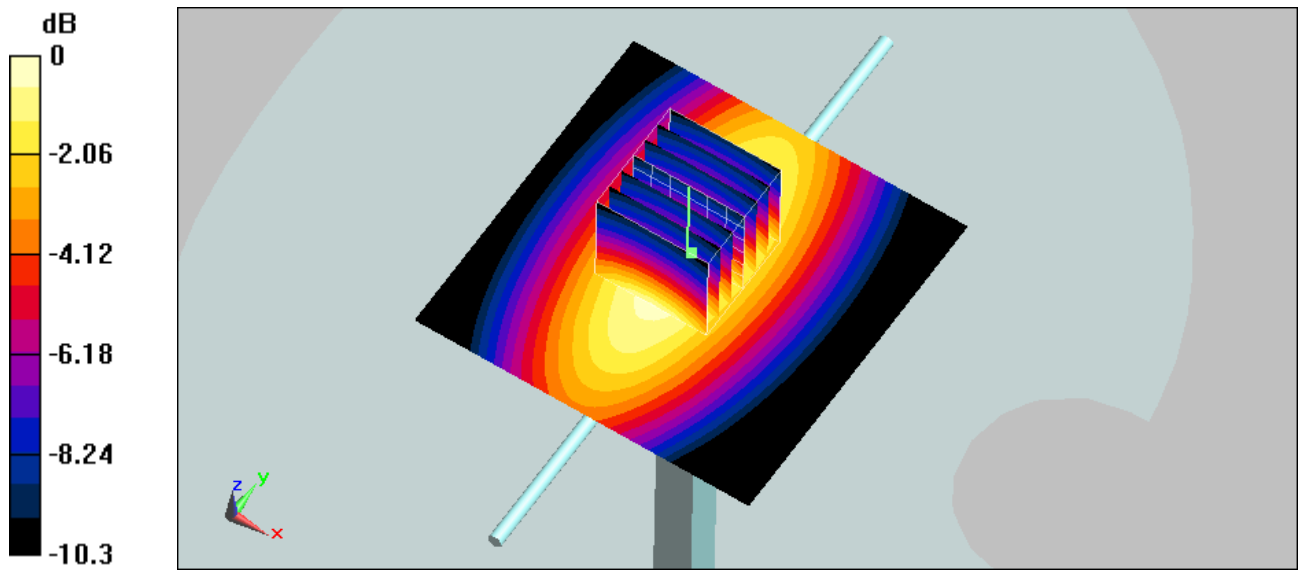Maximum value of SAR (interpolated) = 0.953 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.1 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.582 mW/g
Maximum value of SAR (measured) = 0.958 mW/g

0 dB = 0.958mW/g

System Check_1900MHz_090701

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_1900_090701 Medium parameters used: f = 1900 MHz; σ = 1.46 mho/m; ε_r = 38.1; ρ = 1000

kg/m^3

Ambient Temperature   22.4   ； Liquid Temperature   21.4

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.12, 5.12, 5.12); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2008/9/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
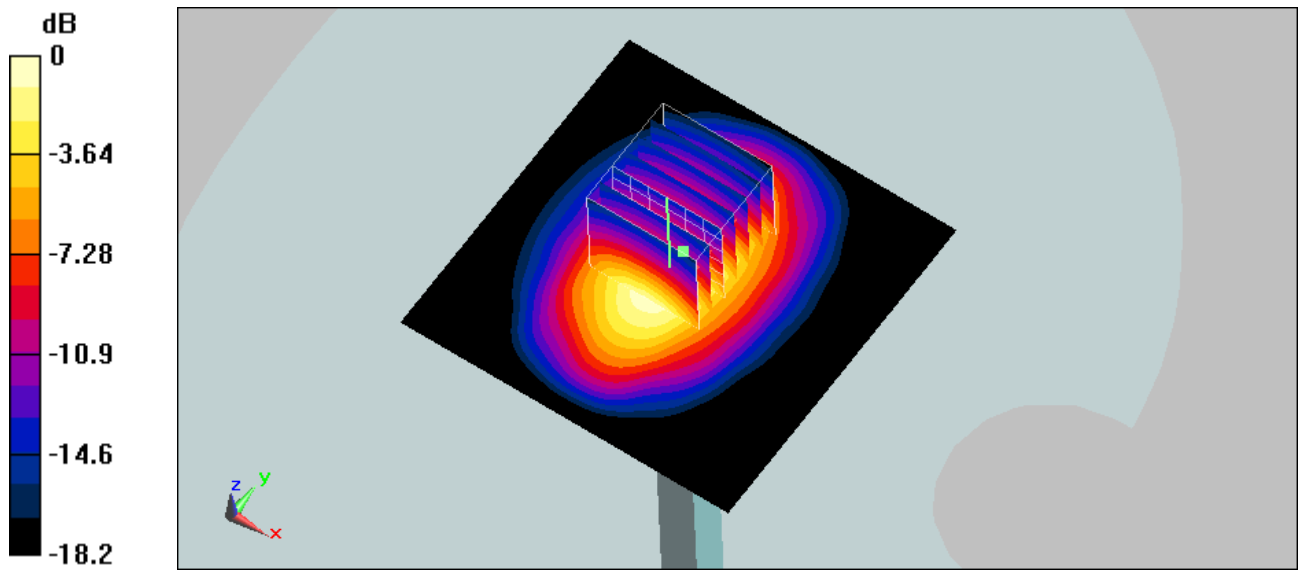Maximum value of SAR (interpolated) = 4.27 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.1 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 6.18 W/kg
SAR(1 g) = 3.61 mW/g; SAR(10 g) = 1.9 mW/g
Maximum value of SAR (measured) = 4.09 mW/g

0 dB = 4.09mW/g

System Check_1900MHz_090702

DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: MSL_1900_090702 Medium parameters used: f = 1900 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ

= 1000 kg/m^3
Ambient Temperature 22.9 ; Liquid Temperature 21.3

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2008/11/12
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 4.61 mW/g

Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.9 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 5.98 W/kg
SAR(1 g) = 3.93 mW/g; SAR(10 g) = 2.15 mW/g
Maximum value of SAR (measured) = 4.49 mW/g

0 dB = 4.49mW/g